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Application Number

Application Number Filing Date February 28, 2002 First Named Inventor Tommi Auranen Art Unit 2683 **Examiner Name** Marcos L. Torres to be used for all correspondence after initial filing) Total humber of Rages in This Submission Attorney Docket Number 004770.00039 ENCLOSURES (check all that apply) Drawing(s) Fee Transmittal Form After Allowance Communication to TC Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Petition Appeal Communication to TC Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Terminal Disclaimer Other Enclosure(s) Extension of Time Request (please identify below): Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement ☐ Landscape Table on CD Remarks Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Banner & Witcoff, LTD. Signature Printed Name Ross A. Dannenberg Reg. Date 49,024 January 31, 2005 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Typed or printed name

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Effect Fees pursuant to the Consolid	tive on 12/08/2 lated Appropri	004. ations Act, 2005 H.R. \$81	b)PX		Complete	e if Known		
FEE TR	ANS	MITITAÏ		Application Number	10/085,910			
	FY 2		1 2005	Firg Date	February 28, 20	002		
		003		Eist Named Inventor	Tommi Auranen	1		
Applicant claims smal	l entity sta	tus. See 3X CFR	DENASY	Examiner Name	Marcos L. Torre	s		
TOTAL AMOUNT OF PAY	YMENT	(\$) 180		Art Unit	2683			
		(0) 100		Attorney Docket No.	004770.00039			
METHOD OF PAYMENT (check all that apply)								
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) :								
□ Deposit Account Deposit Account Number: 19-0733 Deposit Account Name: Banner & Witcoff, LTD.								
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)								
Charge fee(s) indicated below Charge fee(s) indicated below, except for the filling fee								
☐ Charge any additional fee(s) or underpayments of fee(s) ☐ Credit any overpayments								
Under 37 CFR 1.16 and 1.17								
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
FEE CALCULATION								
1. BASIC FILING, SEA	RCH, AN	D EXAMINATIO	N FEES					
	FILÍNG	FEES		ARCH FEES		ATION FEES		
Auntication Time	F (¢)	Small Entity	F	Small Entit		Small Entity	Face Daid (\$)	
Application Type	Fee (\$)	<u>Fee(\$)</u> 150	<u>Fee</u>		<u>Fee(\$)</u> 200	Fee(\$) 100	Fees Paid (\$)	
Utility	200	100	100		130	65		
Design Plant	200	100	300		160	80		
Reissue	300	150	500		600	300		
Provisional	200	100	0		0	0		
2. EXCESS CLAIM FE		100	V	v	Ū	V	Small Entity	
Fee Description Fee (\$)							Fee (\$)	
Each claim over 20 (inc	luding Rei	ssues)				50	25	
Each independent claim)			200	100	
Multiple dependent claims						360	180	
<u>Total Claims</u>	Extra (<u>Claims</u> <u>Fee</u>	<u>(\$)</u>	Fee Paid (\$)			Dependent Claims	
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3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer								
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50								
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)								
100 = / 50 = (round up to a whole number) x =								
4. OTHER FEE(S)							Fees Paid (\$)	
Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): Fee for Information Disclosure Under 3							100	
Other (e.g., late f	filing surch	arge) : Fee for Infor	mation D	isclosure Under 37 C.F.	R. 1.17(P)		<u>180</u>	
L								

Signature

Registration No. (Attorney/Agent)

Registration No. (Attorney/Agent)

Pare (Print/Type)

Ross A. Dannenberg

Registration No. (Attorney/Agent)

Date

January 31, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tommi Auranen et al.

Serial No.:

10/085,910

Filed:

February 28, 2002

For:

System And Method Interrupt-Free Hand-Over In A

Mobile Terminal

Group Art Unit:

2683

Examiner:

Marcos L. Torress

Atty. Dkt. No. 004770.00039

INFORMATION DISCLOSURE STATEMENT

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314

Sir:

In accordance with 37 C.F.R. § 1.56 and 1.97, Applicant(s) provides the following for consideration by the Office during examination of the above-captioned application. This submission is not intended as an admission that any submitted document or reference constitutes prior art against the claims of the present application. Applicant(s) do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicant(s) hereby make the following statements, if checked:

- 冈 Enclosed is a PTO Form-1449 listing art for consideration by the Examiner, and a copy of each of the identified documents is included if presently required by Office rules and regulations.
- Pursuant to 37 C.F.R. § 1.97 (b) (1), the undersigned states that the present information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under 37

C.F.R. § 1.53 (d).

	Pursuant to 37 C.F.R. § 1.97 (b) (2), the undersigned states that the present
	information disclosure statement is being filed within three months of the date of
	entry of a national stage as set forth in 37 C.F.R. § 1.491 in an international
	application.
	Pursuant to 37 C.F.R. § 1.97 (b) (3), the undersigned states that the present
	information disclosure statement is being filed before the mailing of a first Office
	action.
	Pursuant to 37 C.F.R. § 1.97 (b) (4), the undersigned states that the present
	information disclosure statement is being filed before the mailing of a first Office
	action after the filing of a request for continued examination under 37 C.F.R. § 1.114.
	Pursuant to 37 C.F.R. § 1.97 (e) (1), the undersigned states that each item of
	information contained in the information disclosure statement was first cited in a
	communication from a foreign patent office in a counterpart foreign application not
	more than three months prior to the filing of this information disclosure statement.
\boxtimes	Pursuant to 37 C.F.R. § 1.97 (e) (2), the undersigned states that no item of
	information contained in the information disclosure statement was cited in a
	communication from a foreign patent office in a counterpart foreign application, and
	to the knowledge of the undersigned, upon reasonable inquiry, no item of information
	contained in the information disclosure statement was known to any individual
	designated in §1.56(c) more than three months prior to the filing of the information
	disclosure statement.
	Pursuant to 37 C.F.R. § 1.704 (d), the undersigned states that each item of
	information contained in the information disclosure statement was cited in a
	communication from a foreign patent office in a counterpart foreign application and
	that the communication was not received by any individual designated in § 1.56 (c)
	more than thirty days prior to the filing of this information disclosure statement.
	It is believed no fee is required to make this a complete and timely filing. However,
	if a fee is required, please charge our Deposit Account No. 19-0733.
\boxtimes	The undersigned hereby authorizes the Office to charge the fee pursuant to 37 C.F.R.
	§ 1.17 (p) to our Deposit Account 19-0733.

Consideration of this information is respectfully requested, with citation thereto on the face of the issued patent as applicable.

Respectfully submitted, BANNER & WITCOFF, LTD.

Dated: Jan. 31 2005

By:

Ross A. Dannenberg
Registration No. 49,024
1001 G. Street, N.W.

Washington, D.C. 20001-4597

(202) 824-3153

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USPTO Form 1449 U. Patent and Trademark Office U.S. Department of Commerce Attorney Docket No. Serial No. 004770.00039 10/085,910 INFORMATION DISCLOSURE **CITATION** Applicant(s): Tommi Auranen et al. Sheet 1 of 1 Filing Date: February 28, 2002 Group: 2683 U.S. PATENT DOCUMENTS Patent No. Date Name Class Subclass Filing Date Examiner Initial (if appropriate) 4,449,248 5/15/84 Leslie et al. FOREIGN PATENT DOCUMENTS Country Class Subclass Translation Examiner Document No. Date Initial YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) DATE CONSIDERED **EXAMINER** *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.